

said first mode executes a QoS control based on a result of said second step, and

said second mode skips said first step and said second step; and

based on a packet communication performing the selected mode.

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Cont
² 6. A QoS (Quality of Service) control method according to claim ¹ 5, wherein said second mode includes the step of reading out data corresponding to said header information of the input packet from a referring priority information table, so as to execute QoS control based on the data.

³ 7. A QoS (Quality of Service) control method according to claim ¹ 5, wherein said selecting step includes the step of making a selection for each packet based on the port number to which said packet is related.

⁴ 8. A packet communication system for transmitting a packet, said packet having header information including address information, a port information, and a DS (Differentiated Services) value, comprising:

- a plurality of input lines;
- a plurality of output lines;
- a switching unit connected to said input lines and said output lines, said switching unit outputting said packet from